Alpine IDA-X100M Marine Digital Media Receiver DISPLAY (IDA-X100M)

Model : IDA-X100M

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Manufacturer : Alpine

Alpine IDA-X100M Digital Marine Receiver (IDA-X100M)DISPALY MODEL CLEAROUT
Alpine introduces its award-winning line of Marine sound system
products with the Alpine iDA-X100M. Whether you want a simple sound upgrade for your runabout, a
high-quality system for your cruiser or sportboat, or huge output for
your ski/wakeboard boat, there is an Alpine Marine system just right
for you.

• Marine Coating System
• Salt/Fog (ASTM B117) Certified
• UV (ASTM G154/D4329) Certified
• 2.2? TFT full color display
• 24-Bit Burr Brown DAC
• iTunes? Tagging for HD Radio
• Selectable Dual Illumination (Blue/Red)
• Sub Display Output for use with OEM sub displays
• 18Wx4 RMS power / 50Wx4 Max power
• USB Connection for iPod (cable included)
• Full Speed for iPod (using optional KCE-422i)
• USB Mass Storage ready
• Percentage Search
• Alphabet Search
• Ai-NET
• Remote Control ready
• Full Speed AUX+ input (using optional KCE-236B)
• High-Pass Crossover (selectable 80/120/160Hz)
• Bass Center Frequency control with Q, Treble Center Frequency control
• Large Double-Action Rotary Encoder Knob
• Spanish Language compatible
• IMPRINT ready (PXA-H100 required)
• 24-Bit Burr Brown DAC
• 3pr Pre-Out (2V) Alpine introduces its award-winning line of Marine sound system products. Whether you want a simple sound upgrade for your runabout, a high-quality system for your cruiser or sportboat, or huge output for your ski/wakeboard boat, there is an Alpine Marine system just right for you. Start your system off right, with the iDA-X100M. This marine digital media receiver provides easy control over your audio sources. Listen to your iPod?, HD Radio?, and XM or SIRIUS Satellite Radio*. Enjoy all your favorite music while you?re out on the water. A bright color screen displays artist, album, track info, and album art right from your iPod. iTunes? Tagging is also available through the optional TUA-T550HD

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HD Radio tuner. For added convenience, add an Alpine wireless marine commander (MC10) and control audio sources from anywhere in your boat. *Separate accessories and/or subscription required. Media ExpansionGet New Songs on the GoAdd Alpine's new HD Radio? module (TUA-T550HD), and when you hear a song you like, simply press and hold the Quick Search button on the iDA-X100M. This iTunes Tagging feature lets you Tag songs you hear on HD Radio stations and stores the info on your iPod. The next time you connect your iPod to iTunes, you will be able to preview your selections, and you can later purchase and download them from iTunes. The Beauty of USB for Other DevicesIn addition to iPods, you can connect MP3 players like the Zune2, iRiver Clix, Creative Zen, or Toshiba Gigabeat, using the MTP protocol or even connect USB memory devices like thumbdrives and USB hard drvies. Song lists on USB devices are displayed in alphabetical order, and the unit will find music files while ignoring other file types. Full Speed AUX input using KCE-236B Full Speed to mini-jack cable Don't have an iPod? You can still enjoy audio from your favorite MP3 media devices or certain cell phone through Full Speed Aux+ feature. Just plug in the optional KCE-236B to almost any device and listen through your Alpine system. The KCE-236B comes complete with a 3.5mm stereo connector, perfect for most headphone jacks and even includes a 1.5mm stereo adapter perfect for many popular cell phones. Note: MP3 device or cell phone cannot be independently controlled through the head unit. All Digital HD RadioAlpine does HD. Get all the music and programming you want to hear in crystal-clear digital format (TUA-T550HD required). FM stations with CD-quality sound, AM stations with FM-quality sound, and virtually no distortion. Multicasting technology allows access to additional free music channels provided by most major radio stations. Enjoy more talk and music content from more stations without paying additional subscription fees. iTunes? TaggingAdd Alpine?s new HD Radio? module (TUA-T550HD, available Spring 2008), and when you hear a song you like, simply press and hold the Quick Search button on the iDA-X100M. This iTunes Tagging feature lets you Tag songs you hear on HD Radio stations and store the info on your iPod. The next time you connect your iPod to iTunes, you will be able to preview your selections, and you can later purchase and download them from iTunes. Satellite Radio ReadyThis unit is Satellite Radio Ready, (additional adapters and subscription required), so you can expand and enjoy a wider array of stations. Take your pick ? with SIRIUS or XM, Alpine brings your choice of satellite radio inside your car, and now in your boat, too! Add the KCA-SC100 interface for your portable SIRIUS Plug-n-Play device and get automatic Game Alert and Song Alert services, plus convenient program replay and pause functions. (compatible SIRIUS portable or SC-C1 required, features vary dependant on feature set of selected portable)

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Dedicated for your iPodSuper-Fast USB ConnectionThe iDA-X100M uses a USB connection(cable included) for newer iPods that provides ultra-fast digital data transfer so songs are loaded instantly through the receiver. Sound quality is maximized by using USB along with the 24-Bit Burr Brown D/A converter, allowing for an incredible Signal to Noise ratio of 105dB. Plus, the iDA-X100M quickly loads up full Album Art on screen. Full Speed Connection for iPodConnect your older iPod using the KCE-422i cable (optional), and you?ve got access to all your iPod music, right from your receiver. With Full Speed you get full control so you can scroll through all your Playlists, Artists, Albums, and Songs ? and view all your song information right from the display on your iDA receiver. QuickSearchTons of music? Find it fast! With Alpine?s exclusive QuickSearch technology, you?ll be able to find what you want, the quickest and easiest way possible. With so many ways to listen to thousands of songs, now you can get super-fast access to Playlists, Artists, Songs, Podcasts, Audiobooks, Genres, and Composers. You can even use QuickSearch for your radio stations. Large control buttons and a Dual Action Rotary Encoder Knob make it easy to scroll through all your sources, including your iPod, HD Radio, Satellite Radio, and CD changer. No interruptions, while you search, just let the Alpine play. Percentage SearchFor especially big music libraries, Alpine created the Percentage Search function to use the preset buttons for quick jumps to specific parts of the list. Why scroll through each song one by one, when you can just jump to a segment of your library? Alphabet SearchAlpine gives you even more ways to find your favorite music. No need to sift through each song one-by-one. Use Alphabet Search to jump through your lengthy list of music by skipping through the letters of the alphabet. Once you have the letter you want, just scroll to the exact song! Sound

• 24-Bit Burr Brown DAC
• IMPRINT PXA-H100 ready with Dual Input Capability (Available March 08)
• 18Wx4 RMS power / 50Wx4 Max power
• 2 Volt Pre-Outs for Front, Rear, and Subwoofer channels w/Subwoofer Level Control
• High-Pass Crossover (selectable 80/120/160Hz)
• Bass Center Frequency control with Q, Treble Center Frequency control Get the ultimate iPod sound experience thanks to digital USB iPod connection and optional IMPRINT Sound processor. If you want to go beyond for the best sound ? upgrade with IMPRINT. Here?s a huge advantage you won?t find anywhere else: the PXA-H100, a small inexpensive add-on unit that corrects all the acoustic problems in your boat for ideal sound clarity and imaging. The PXA-H100 adds IMPRINT Sound Engine onto the iDA-X100M providing precise sound tuning in just minutes. Need a power boost? Add the KTP-445 Head Unit Power Pack! It delivers a true

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45W x 4 RMS power and is compact enough to install behind the iDA-X100. It plugs right inline with the iDA-X100M's wiring harness so you don?t even need additional wires. Customize your DisplayDownload background images from Alpine?s iPersonalize website to a USB memory device, then upload them to the iDA-X100M. The iDA-X100M also comes with selectable dual illumination ? choose from blue or red to match the lighting on your dash.
FEATURESTuner

- Memory Presets: Preset Stations (FM:12/AM:6)
- Memory: Auto
- Seek Mode: Local/DX SelectionHD RadioA?

- Built-In or Ready: HD Radio Ready
- Connection: Alpine TUA-T500HD/TUA-T550HD Required
- Status Indicator: HD Radio Satus Indicator
- Signal Switching: Automatic Digital/Analog
- Multi-Casting: Multi-Cast HD1, HD2, HD3
- Supports iTunesA? Tagging: iTunesA? Tagging (TUA-T550HD Required)BluetoothA?

- Built-In or Ready: Bluetooth Ready
- Connection: Alpine KCE-300BT Required. Features may differ between phone model and service providers.
- Hands Free: Hands Free Calling
- Phone Book: Phone Book Transfer
- Streaming Music: Streaming Music Playback
- Streaming Music Control: Streaming Music ControlConnection for iPodA?

- Compatibility for iPodA?: USB Connection: 5th Generation iPod and1st Gen. iPod nano, Full Speed Connection: iPhone, 4th & 5th Gen. iPod Photo, iPod mini and 1st Gen. iPod nano
- Connection Type: USB/Full Speed Connection for iPodA?
- Connection: Full Speed Cable (KCE-422i), (Not Included)
- Source Type: Dedicated iPod Source
- M.I.X. (Shuffle) Capability: Song, Albums, All
- Music Control: Song Up/Down/Repeat
- Available Selections: Playlist, Artist, Album, Song, Genre, Composer
- Percentage Search: Percentage Search
- Alphabet Search: Alphabet Search
- Information Display: Album Art, Song (Title, Album), Clock
- Easy Navigating: Quick Search with Double-Action Encoder and Back Button for Easy Menu NavigationSatellite Radio

- Built-In or Ready: Satellite Radio Ready
- Connection: SIRIUS or XM
- Satellite Provider Capability: SIRIUS or XM Adapter Required

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- Preset Memory: 3-Bands (6 Per Band, 18 Channels Total)
- Easy Navigating : Quick Search
- Music Information: Category, Artist, Song
- Portable Compatibility: SIRIUS Plug N Play Devices (Adapter Required)Sound Tuning

- Subwoofer Level: Subwoofer Level Adjustment
- Bass Center Frequency: Bass Center Frequency Adjustment
- Bass Width: EQ Width Adjustment
- Bass Level: Bass Level Adjustment
- Treble Level: Treble Level Adjustment
- Loudness: Loud Feature
- MediaXpander: MediaXpander Ready (PXA-H100 Required)
- Time Correction: 6 Channel Time Correction Ready (PXA-H100 Required)
- Equalizer: 5 Band Graphic / 7 Band Parametric Equilizer Ready (PXA-H100 Required)
- Crossover: High Pass Filter Adjustment
- IMPRINT: IMPRINT Sound System Ready (PXA-H100 Required)CD Changer Control

- M.I.X.: One/All (Shuffle)
- Multi-Changer Control: Multi-Changer Control Including MP3 Changer CHA-S624, (with KCA-410C)
- Music Text Information: CD:Text Scroll Display, MP3: Text Information Display (ID3 Tag)
- Music Control: Play/Pause/Forward/Back
- Repeat: Song/DiscGeneral

- Power Output: 50W x 4 High Power Amplifier
- CD Changer: CD Changer Control
- Display: 2.2" High Resolution TFT Color Display
- Control Type: Double-Action Encoder
- iPersonalize: i-Personalize (Wallpaper Only)
- Face Color: Light Silver
- Illumination Buttons: Blue/Red Illuminated Buttons
- Playback: MP3/AAC/WMA Playback
- Easy Navigating : Quick Search
- USB Input: Full Speed USB Connection or USB Memory/Portable Device
- PreOut: 3 PreOut (2V PreOut)
- BluetoothA?: Bluetooth Ready
- DAC: 24-Bit Burr Brown DAC
- Auxiliary Input: Versatile-Link Ready (KCA-121B Auxiliary Input)
- Steering Wheel Control: Steering Wheel Control Ready
- Bass & Treble: Bass & Treble Controls
- Fader & Balance: Fader & Balance Controls
- Clock: Built-In Clock
- Calendar: Built-In Calender
- DIN Trim Plate: Detachable Trim Plate

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- Detachable Face Plate: Detachable Controls
- Dimmer: Dimmer Input
- Power Antenna Lead: Power Antenna Output
- Remote Turn-On: Amplifier Remote Turn-On Output
- Audio Interrupt: Audio Interrupt Input
- Mute: Built-in Audio Mute
- Remote Control: Remote Control Ready

SPECIFICATIONSCEA-2006 Power Ratings

- CEA-2006 Power Rating: 4 I? @14.4V Ƈ%THD+N, S/N 80dBA (ref.1W into 4 I?), 18W x 4

Max Power Output Ratings

- Max Power Output: 50W x 4

FM Tuner

- Tuning Range: 87.7-107.9 MHz
- Mono Usable Sensitivity: 9.3dBf (0.8 A?V/75 ohms)
- 50dB Quieting Sensitivity: 13.5dBf (1.3 A?V/75 ohms)
- Alternate Channel Selectivity: 80.0 dB
- Signal-to-Noise (S/N) Ratio: 65.0 dB
- Stereo Separation: 35.0 dB
- Capture Ratio: 2.0 dB

AM Tuner

- Tuning Range: 530-1, 710kHz
- Usable Sensitivity (IEC Standard): 22.5/27.0 (A?V/dBf)

Connection for iPodA?

- USB Requirements: 1.1/2.0
- Max. Power Consumption: 500mA
- USB Class: Mass Storage
- File System: FAT 12/16/32
- MP3 Decoding: MPEG-1/2 AUDIO Layer-3
- WMA Decoding: Windows Media' Audio
- AAC Decoding: ACC-LC format "/m4a" file
- Number of Channels: 2-Channel (Stereo)
- Frequency Response: 5-20k A?1 dB (Frequency Response may differ depending on the encoder software/bit rate.
- Total Harmonic Distortion: 0.008% (at 1kHz)
- Dynamic Range: 95 dB
- Signal-to-Noise Ratio: 104dB
- Channel Separation: 85dB (at 1kHz)

Sound Tuning

- Subwoofer Level Adjustment: 0 to 15
- Bass Center Frequency: 60/80/100/200Hz (Selectable)
- Bass Band Width Adjustment (Q): 4 choices (1 =narrow, 4 =wide)
- Bass Level Control Range: A?14
- Treble Level Control Range: A?14
- MediaXpander Modes: FM, CD, XM, MP3, (Level 1, 2, 3, Off), DVD Video (Level 1, 2, Off), DVD Music (Level 1, Off),

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(PXA-H100 Required)
• MediaXpander Aux Settings: MP3, Music, Movie, (Level 1, Off), (PXA-H100 Required)
• Equalizer: 5 Band Parametric (20Hz - 20KHz, 1/3 oct. Steps), 7 Band Graphic, (PXA-H100 Required)
• Time Correction: Adjustable 6 Ch. Time Correction (L-F/R-F/L-R/R-R/L-SW/R-SW), (PXA-H100 Required)
• Crossover: High Pass: 80/120/160Hz (Selectable)
• IMPRINT: IMPRINT Sound System Ready (PXA-H100 Required)
Dimensions

• Din Size: 1
• Chassis Size (W x H x D) mm: 178mm x 50mm x 156mm
• Chassis Size (W x H x D) in: 7" x 2" x 6-1/8"
• Nose Piece Size (W x H x D) mm: 170mm x 46mm x 28mm
• Nose Piece Size (W x H x D) in: 6-7/8" x 1-13/16" x 1-1/8"
General

• Power Requirement: Power Requirement: 14.4 (11-16) V.DC
• Pre Output Voltage (Before Clipping): 2V
• Operating Temperature (A?C/ A?F): 60 A?C (140 A?F) to -10 A?C (14 A?F)
• Maximum Mounting Angle: 30A? from Horizontal
• Weight: 1.0 kg (2 lbs. 3 oz.)
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Gibbys Audio Video